

Missouri Board for Architects. Professional Engineers, Professional Land Surveyors and Landscape Architects

imensions

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Farewell to Board Chair Fames (Jim) S. Anderson, P.L.S.



On behalf of the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects, we would like to take this opportunity to sincerely thank James (Jim) S. Anderson for his dedication to the Board and exemplary services rendered to the people of the state of Missouri while serving on the Board. Jim served as a member of the Professional Land Surveying

Division from April 13, 1995 to February 6, 1999. From February 6, 1999 to April 24, 2002, he also served as the Chair of the Professional Land Surveying Division.

On April 24, 2002, Jim made history when he was appointed as the "Board Chair." He was the very first Professional Land Surveyor to serve in this capacity. He diligently served with honor until his term officially ended on January

Jim was a very devoted and extremely conscientious member of the Board. He made himself available to the Board's licensees and he was committed to the protection of the public. His work ethics and allegiance will certainly be missed. We wish him the very best with his future endeavors.

ARCHITECTURAL DIVISION LETTER

By: Randall B. Miltenberger, AIA, Division Chair



Corporate Certificate of Authority & Title Block

I remember well the Spring of 2003 when I met Judy Kempker, the **Executive Director of the APEPLSLA** Board for the first time. I sat in her office and she asked me if I had any real idea of what the Board and/or

her office actually did. I said no and I was just as happy that I didn't. The Board does not send Christmas

or Birthday cards so if I was to hear from them more often than the biennial renewal notice letter I knew that it could not be good news. Judy then gave me a brief outline of their responsibilities in the enforcement of "Missouri Revised Statutes Chapter 327' as to the protection of the health, safety and welfare of the citizens of our State. I realized then how little I really knew about Chapter 327 and Title 20 having to do with Board Rules and even today I continue to find out more. One of the basics I knew even then is the need for a Certificate of Authority. In the last year this item has caused probably more problems than any other section of Chapter 327 so I felt maybe it was time for a refresher course.

Under "General Provisions" of Chapter 327, specifically Section 327.401 is a heading saying "Right to practice not transferable-corporation, certificate of authority required." Paragraph 2 of this section says; "Any do- INSIDE THIS ISSUE... mestic corporation formed under the corporation law of this state, or any foreign corporation, now or hereafter organized and having as one of its purposes the practicing of architecture or professional engineering or professional land surveying or landscape architecture and any existing corporation which amends its charter to propose to practice architecture or professional engineering or professional land surveying or landscape architecture shall obtain a

certificate of authority for each profession named in the articles of incorporation or articles of organization from the board which shall be renewed in accordance with the provisions of section 327.171 or 327.261 or 327.351, as the case may be, and from and after the date of such certificate of authority and while the authority or a renewal thereof is in effect, may offer and render architectural or professional engineering or professional land surveying or landscape architectural services in the state..."

Note sections 327.171, 327.261, 327.351 and 327.621 talk specifically about renewal of the architectural, engineering, land surveying and landscape architectural certificates of authority and also note the penalties possible for not doing same. Board Rule 20 CSR 2030-11.010 notes the biennial

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STATE OF MISSOURI

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Division of Professional Registration

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Submit articles to APEPLSLA, 3605 Missouri Boulevard Jefferson City, Missouri 65109

(Architectural Division Letter continued...)

time period for renewal and Board Rule 20 CSR 2030-10.010 establishes standards for corporations and LLC's to obtain and maintain certificates of authority. In previous years the Board has only had the ability to issue a probated license to a corporation or LLC who had been practicing without a certificate of authority or obtain an injunction. However, effective August 28, 2007, (pursuant to the passage of HB 780 merged with SB 308), the Board was given the authority to assess civil penalties to corporations and LLC's practicing without a certificate of authority. Therefore, please be advised that if you are a corporation or an LLC offering and/or rendering architectural, engineering, land surveying or landscape architectural services in this state you must apply for, and obtain, a certificate of authority from this Board. If you are operating as a sole proprietor or partnership, a certificate of authority is not required.

In the six plus years I have been on the Board I have been involved with numerous new rules that have been added to Title 20. Division 2030. One that I thought would be very controversial (Standard of Care 20 CSR 2030-2.040) was such and required major revisions and a new effort. One that I thought might provoke comment (CEU requirements - 20 CSR 2030-11.025) went through seamlessly. The one that caught me off guard was Rule 20 CSR 2030-2.050 having to do with title blocks. The local code enforcement agencies in this state are an integral part of our process. They all too frequently get drawings with almost no identification except for a smudged seal and an illegible signature. This Title Block Rule was promulgated at the request of these agencies as a better way to identify the responsible professional. During the public comment time period I think we only had one or two minor comments. Since this rule has gone into effect it seems to have caused more confusion than any other that I can remember. As a clarification of this rule I have included a copy of a proper title block as used for a library project here in the St. Louis area (see page 9). Hopefully this example, with the notations added, will clarify some of your still outstanding questions.

I hope this article clears up a couple of items that have come up frequently lately in the Board's enforcement efforts. If you still have questions on either of them feel free to call either the Board office or me personally.

PROFESSIONAL ENGINEERING DIVISION LETTER

By: Kevin Skibiski, PE Division Member



Immediate Personal Supervision

Chapter 13 of the Missouri Board for Architects, Professional Engineers,

Professional Land Surveyors and Landscape Architects (Board Rules) addresses supervision. Specifically, 20 CSR 2030-13.010 defines what is considered "immediate personal supervision" for professional engineers.

Engineering documents are deemed to have been prepared by a professional engineer only when the following circumstances exist.

- A. The client requesting preparation of these engineering documents makes the request directly to the professional engineer or his employee, as long as the employee works in the professional engineer's place of business and not a separate location;
- B. The professional engineer shall supervise the preparation of the engineering documents and have input into their preparation prior to completion:
- C. The professional engineer reviews the final engineering documents and is able to make necessary and appropriate changes to them; and
- D. In circumstances where the professional engineer in responsible charge is unavailable to complete the work, or the work is a site adaption of a standard design drawing, or the work is a design drawing signed and sealed by an out-of-jurisdiction professional engineer, a successor professional engineer may take responsible charge by performing all

services necessary including developing a complete design file to complete the project.

The engineering documents must then be signed and sealed in accordance to the provisions of 327.411 RSMo, which pertains to use of the professional engineer's personal seal.

How then does the professional engineer supervise and maintain control of the preparation of engineering documents? Does the professional engineer have to be in the same office, the same state, the same country? When the statutes and rules were written, rarely would the professional engineer be in a different location than the employee he was supervising; and, in some cases, the professional engineer prepared the engineering documents. How are the rules for immediate personal supervision applicable to today's global society, where information is transmitted around the world almost instantly?

The State of Washington's codes state that "Direct supervision requires providing personal direction, oversight, inspection, observation, and supervision of the work being certified." Communications between the professional engineer and those persons preparing the engineering documents include direct face-to-face communications, written communications, U.S. mail, electronic mail, facsimiles, telecommunications, or other current technology.

The State of Florida rules state that in making engineering decisions, the Professional Engineer shall be physically present, or if not physically present, be available in a reasonable period of time, through the use of electronic communication devices, such as electronic mail, video conferencing, teleconferencing, computer networking, or via facsimile transmission.

Another pertinent issue is whether a professional engineer can, or should, seal and sign all of the engineering docu-

ments pertaining to a project in which the professional engineer is the person in responsible charge, and thus responsible to provide the immediate personal supervision for that project. Can the civil project manager seal and sign the mechanical and electrical drawings for his project?

Missouri does not license engineers by discipline; we are licensed as professional engineers. As such, we are required to follow the statutes and rules, which the Board interprets and enforces. One such rule is the Code of Professional Conduct, which in part says that a professional engineer shall undertake professional engineering services only when they, together with those whom the employer engages as a consultant, are qualified by education, training, and experience in the specific technical areas involved.

How does the Board determine that a professional engineer sealing and signing engineering documents is qualified to do so?

One way is by general knowledge of the individual and the historic areas of practice undertaken by the individual. The Board also has files for every licensed professional engineer in the state that includes information on education and employment history, which the engineer submitted as part of the application to become a professional engineer. Other states have specific statutes and rules addressing this issue.

Colorado, in the definition of Responsible Charge for Engineering, has a test to evaluate an Engineer in Responsible Charge, a rule that states "An engineer who signs and seals engineering documents in responsible charge must be capable of answering questions as to the engineering decisions made during the engineer's work on the project, in sufficient detail as to leave little doubt as

(Professional Engineering Division Letter continued...)

to the engineer's proficiency for the PROFESSIONAL work performed."

Florida and California statutes are almost identical to Colorado's. It seems pretty straightforward, defining responsible charge and immediate personal supervision.

A recent ruling by the Missouri Supreme Court clouds the issue. In Bird v. Missouri Board of Architects. Professional Engineers, Professional Land Surveyors and Landscape Architects (SC 88710, 06/10/08 and modified 8/26/08), the Court ruled that a professional engineer cannot be disciplined for affixing his seal and signature to building plans that were "prepared by a licensed Architect whose work was not done under the professional engineer's immediate personal supervision," as long as the professional engineer accepts the responsibility of the information on the plans, irregardless that the Architect did not give permission for reuse of the original plans.

So where does that leave us? It is my opinion that the professional engineer should do the following:

- 1. Perform engineering services, directly or through personal supervision of subordinates, only where you are technically qualified.
- 2. Seal and sign only those final engineering documents for which you are responsible, and prepare, or cause to be prepared.

The Board may need to seek editing to the wording of the statutes and rules, to bring them up to date with today's technology; and to make it clear for future Board's, Administrative Hearing Commissions and Courts, the meaning and intent of "Immediate Personal Supervision." Above all, the statutes and rules must protect the public's health, safety, and welfare.

PROFESSIONAL LAND SURVEYING DIVISION LETTER

By: Michael D. Gray, PLS, Division Chair



I want to start off by thanking Jim Anderson for his service to the Board and the surveying profession. When I was first appointed to the Board, Jim was the Survey Division Chair.

He welcomed me with great patience and helped the new guy become acquainted with the task at hand. He then continued on as the first land surveyor to become Board Chairman. I can think of no one better suited for the esteemed position. His knowledge, experience and calm leadership has become a standard that will be hard to equal. He has the respect and friendship of all professionals and staff alike. I have been privileged to have him near on the Division or as Board Chair making my two terms much easier. I would also like to thank Jim Mathis who preceded me and was a model professional (thanks Jim). I would also like to thank Kevin DeSain, who served with Mr. Mathis and me. As the thanks go on, I want to thank John Teal and Mike Freeman who I currently serve with on the Division. I truly wish to thank all of the professionals from the Board both past and present for their friendship and support. And finally the staff that works so tirelessly to make sure we have everything we need to perform our duties and make our meetings more comfortable.

PDUs and Certificates of Authority

PDUs

Starting in 2009, all Land Surveyors renewing their license will be required to have had at least 4 hours in Minimum Standards in the previous 4 years for license renewal. Something I think we have been practicing for so this should be no surprise.

Certificates of Authority

In recent discussions with Judy Kempker, the Executive Director, we note that the requirement for certificates of authority goes back to the 1960s. Some of the rules have changed over time to eliminate loop holes and to ensure adequate immediate personal supervision is being provided by a licensed professional as is specified in our Board Rule for surveyors (20 CSR 2030-13.020).

Corporations and limited liability companies must obtain and maintain certificates of authority as specified in Board Rule 20 CSR 2030-10.010. This is for all four professions that the Board regulates. This is cause for discipline and may result in a probationary period, censure and/or civil penalty depending on the circumstances all of which are reported in the newsletter and may be cause for discipline from other states in which the corporation or LLC is licensed.

Four Corners Monument

There was an article in the news lately by the Associated Press about the Four Corners Monument being out of position by about 2.5 miles West of the actual corner. Apparently Dave Doyle with NGS says actually the monument is 1,807 feet East of where it should be. This makes the Associated Press off by 2.84 miles. The corner position is as was surveyed in 1875 and has been accepted by the four states adjoining, so as all of us surveyors know if that is where the original monument was that is the corner. Doyle says with the equipment used at that time they were "spot on".

LANDSCAPE ARCHITECTURAL DIVISION LETTER

By: Robert N. Hartnett, RLA, Division Chair



Jerany Jack-Council of Land-Charleston SC. After being elect-

ed to the CLARB Board of Directors at the 2008 Annual meeting, this was Region II Director, and, as expected, she did an outstanding job. At our regional meeting we discussed the new Landscape Architect Continuing Education System (LA CES), member board dues and invoicing, exam candidate's feedback and possible improvements, and individual board reports and discussion of regional issues.

CLARB also sponsored several breakout sessions on topics such as "How to establish effective enforcement programs," "Administering and managing continuing education requirements," "How to proactively approach the issues of practice overlap," and "Strengthening the CLARB Certification Standards." There was also a 90 minute session covering all feedback. A large number of questions were addressed and practical ideas offered on how to increase mutual understanding between all parties.

As a reminder, continuing education for Missouri Landscape Architects is now in effect for all licensees

cember, 2010. The requirement is for 24 Continuing Education Units (CEU's) for all biennial renewals. During the two year cycle, at least 16 of the 24 required hours must be related to health, safety and welfare (HSW). I previously mentioned the new LA CES program that is being developed by CLARB and the American son and I recently | Society of Landscape Architects (ASLA). returned from the Continuing education courses would be submitted for content and learning obscape Architec- jectives ensuring the course would meet tural Registration | minimum HSW content. If the course was Boards (CLARB) approved, CLARB and ASLA would in efspring meeting in fect "prequalify" the course as meeting or exceeding all member board states' HSW requirements. CLARB is currently seeking support from the member boards that they will accept all LA CES courses for their CE Jerany's first meeting serving as the requirements. We will be discussing the LA CES program at a future LA Division meeting and voting to decide if we will be accepting LA CES courses for CE credit. We will keep you posted in future newslet-

On a different subject, Bob Shotts was appointed to our Board last summer, and since the Legislature was not in session, Bob was never confirmed by the Senate. With the change of administration this past January, Bob's appointment was withdrawn, and he is no longer a member of the Board. In his short tenure. Bob became a valuable addition to both the Landscape Architectural Division and the full Board. Thank you, Bob, for your service and we look forward to seeing you in the future. We also lost Jim Anderson, our Board Chair this past January. Jim served for eight years on the Land Suraspects of the Landscape Architect veying Division before being appointed Registration Exam (LARE) from test as the Chair in 2002. Jim's first meeting development to grading to candidate as BC happened to be my first meeting as a Board Member in May 2002. I cannot imagine working for and working with a better Board Chair or individual. Jim spent countless hours on Board business representing the full Board and all four professions. Even though his background was as a surveyor, if you ever witnessed the Board conducting business, Jim was so fair and balanced that I believe that that are scheduled to renew in De- it would be impossible to figure out that

Jim's background was in land surveying. Jim should be considered a friend to all Missouri Landscape Architects.

As always, feel free to contact me if I can be of any service to you.



Jane Rackers was recently appointed as the new Director of the Division of Professional Registration and has been confirmed by the Senate. Jane is no stranger to the Division. She is an attorney and joined the Attorney General's office in 1990 after four years in private practice.

Jane's first assignment at the AGO was to serve as general counsel to the Real Estate Commission. Throughout the next 18 years, she has worked with the boards in various capacities, most recently serving as Chief Counsel of the Governmental Affairs Division, which provides representation to the boards.



STATE-SPECIFIC PLS EXAM COMMITTEE MEETS

By: Dr. Richard Elgin, PLS, PE, Committee Chair

The Missouri Board's State Specific Land Surveying Exam Committee recently met on the campus of the Missouri University of Science & Technology. Chaired by Dr. Richard Elgin, the committee is made up of eighteen Professional Land Surveyors from different practice backgrounds and geographic areas of the state. The committee meets periodically to review the appropriateness of the materials and syllabus of the State Specific exam, which is one of the exams required for licensure as a Missouri Professional Land Surveyor. The group also reviews each question in the bank of questions used on the exam and also writes new questions. "The Board appreciates the time and dedication of this group," said Mike Gray, PLS, Chairman of the Land Surveying Division of the Board. "The Board's purpose is to make the exam complete, fair and appropriate and to assure competence of those who we license. This group helps us achieve that goal," he added.

Exam content and the percentage of subject areas included on the exam is based on the definition of Land Surveying (from Chapter 327, RSMo) and "what surveyors do." For the past two years, the exam content was established as follows:

Missouri Minimum Standards	21%
Resurveys on the USPLSS	20%
Calculation Problems (on the USPLSS)	17%
The GLO in Missouri	16%
Missouri Board Rules	12%
Missouri State Plane Coordinates	9%
Missouri Riparian Boundaries	5%

The Exam Committee reviewed these percentages and agreed they were still appropriate.

B + 30 PROS AND CONS

By: Kevin Skibiski, PE, Division Member

At the annual meeting of the National Council of Examiners for Engineering and Surveying (NCEES) in Minneapolis last August, one of the major items of continued discussion was the proposal to increase the education requirements for licensure.

In 2006, NCEES delegates passed a motion to draft Model Law language requiring applicants to complete 30 additional academic credits beyond the bachelor's degree in engineering as a prerequisite for engineering licensure. Earning a Master's Degree in Engineering was considered equivalent.

NCEES has debated the specifics involved in implementing this requirement on the state level. This requirement has been called several names, most commonly "B+30" or "bachelor's plus 30." As of now the requirement is to be referred to as "Master's Degree or equivalent."

Among the task force motions passed in Minneapolis was one which changed the earliest date that the requirement could be implemented by any state to 2020. So we can expect several more years of discussion.

What are the reasons to support the "Master's Degree or equivalent" educational requirement?

The American Society of Civil Engineers (ASCE) has been a proponent for several years. ASCE's position is that every civil engineer entering at the professional level should attain a "Body of Knowledge," which includes acquiring additional education beyond a bachelor's degree.

(B+30 Pros and Cons continued...)

Requiring education beyond the bachelor's degree is consistent with other learned professions such as law, medicine, pharmacy, architecture, occupational therapy and accounting.

It has been suggested that lower FE/PE pass rates have occurred, and that the bachelor's degree in engineering is not preparing competent entry level engineers. While the educational processes have improved, the breadth and depth of the education available within most engineering bachelor curriculums is no longer sufficient for entry into the profession through PE licensure.

In support of the additional educational requirements are ASCE and NCEES.

Why are some groups against the "Master's Degree or equivalent" requirement?

Some contend that the engineering licensure process should not be compared to other professions.

Placing additional education requirements would adversely affect the number of students entering engineering and thus further increase the shortage of licensed professional engineers.

The requirement would not be easily adopted into 55 individual jurisdictions making licensure by comity more difficult.

Opposing the additional educational requirement are the American Society of Mechanical Engineers; endorsed by the American Institute of Chemical Engineers; American Society of Heating, Refrigerating and Air-Conditioning Engineers; Institute of Industrial Engineers; Instrumentation Systems, and Automation Society; Society of Mining, Metallurgy, and Exploration Inc.; and the Minerals, Metals and Materials Society. Also opposed are the Missouri Department of Transportation, The American Council of Engineering Companies, The National Society of Professional Engineers, and the Missouri Society of Professional Engineers.

There will be further debates and task force reports at the next NCEES Annual Meeting in August. What is your opinion? You can e-mail me at **kskibiski@ostoday.com** to let me know. I will keep an unofficial tabulation of responses to share with the board.

ARE® TRANSITION DEADLINE AROUND THE CORNER

Candidates who passed at least one section of ARE® 3.1 before May 15, 2008 have until June 30, 2009 to pass all remaining sections of the exam. After that date, candidates will be transitioned to ARE® 4.0. The transition chart can be viewed at: http://www.ncarb.org/are/40/transition_chart.html

The last date to attempt to schedule an ARE® 3.1 appointment is June 27, 2009. Appointments are made on a first come, first served basis, and will be based on availability at the local test center. Appointment availability cannot be guaranteed. Please allow enough time in advance of these dates to begin scheduling appointments.

IDP "SIX-MONTH RULE" EFFECTIVE IN JULY

The NCARB "Six-Month Rule" requires interns to submit their training units in reporting periods of no longer than six months and within two months of completion of each reporting period. The rule will go into effect on July 1, 2009 for interns who begin an NCARB record on or after that date and July 1, 2010 for all interns regardless of application date.

All training unit reports must be submitted electronically through NCARB's electronic Experience Verification Reporting (e-EVR) system.

More information about the "Six Month Rule"

can be found on NCARB's Web site at:

http://www.ncarb.org/idp/SixMonRul.html and http://www.ncarb.org/idp/SixMonRul.html and http://www.ncarb.org/webcasts/



ELECTRONIC VERSION OF THE NEWSLETTER

The Board has also published and posted a copy of this volume of its newsletter to its Web site:

http://pr.mo.gov/apelsla-newsletters.asp

Since the majority of our licensees have indicated they preferred to continue receiving Dimensions in hard copy format, we will continue to provide it in that manner. However, for those of you who are environmentally conscience and would like to receive future copies of the newsletter in electronic format via e-mail instead of a hard copy, please complete, detach, and mail the bottom portion of this page to the Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects, 3605 Missouri Boulevard, Jefferson City, MO 65109

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TITLE BLOCK





QUESTION CORNER

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Several licensees have requested clarification of the following sections in paragraph 2 of Board Rule 20 CSR 2030-2.050 TITLE BLOCK.

*20 CSR 2030-2.050 (2)(A) The name of the licensee either as a sole proprietor, partnership, corporation, limited liability company or other appropriate entity;

QUESTION: Does this mean that the company's type of organization (sole proprietor, partnership, corporation, limited liability company or other) must be stated in the Title Block?

ANSWER: Only if it is a part of the organization's legal name. Such as "Smith and Associates, a partnership."

•<u>20 CSR 2030-2.050 (2)(B)</u> The licensee's address and phone number;

QUESTION: Does this refer to the company or person?

ANSWER: Company

•20 CSR 2030-2.050 (2)(G) The printed name, discipline and license number of the person sealing the document;

QUESTION: Since individuals are not licensed by discipline (electrical, civil, etc.) what is the intent, or how do we comply?

ANSWER: It is meant to differentiate between the disciplines of architecture, engineering, land surveying or landscape architecture.

•20 CSR 2030-2.050 (2)(H) The printed name, discipline and certificate of authority number of the corporation as defined in section 327.011, RSMo.

QUESTION: Since the company is not licensed by discipline, and in fact may encompass several disciplines, what is the intent, or how do we comply?

ANSWER: It is meant to differentiate between the disciplines of architecture, engineering, land surveying or landscape architecture.

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NEWS RELEASE

NATIONAL COUNCIL OF EXAMINERS FOR ENGINEERING AND SURVEYING

March 18, 2009 Contact: Gary Alford, P.E., Exam Development Engineer galford@ncees.org 864-654-6824

NCEES Revising Structural Engineering Exam

The National Council of Examiners for Engineering and Surveying (NCEES) will introduce a new 16-hour Structural PE exam in April 2011. The exam will replace the current Structural I and Structural II exams, which will be administered for the last time in October 2010.

NCEES Director of Exam Services Tim Miller, P.E., explained the need for the revision: "NCEES currently offers two 8-hour structural exams, and some licensing boards also use state-specific exams. NCEES wanted to provide one exam that could be used by any state requiring specialized structural licensure, even a state with high-seismic activity."

To develop the new exam, NCEES surveyed licensed structural engineers from across the United States to find out what knowledge areas are most relevant to current professional practice. NCEES brought together representatives from state licensing boards and national structural engineering organizations to analyze the survey results and set the specifications, or content areas, for the new exam.

Miller is confident that the exam will be an effective measure of minimal competence for any state. "We've gone through a deliberate and rigorous process to develop the specifications, and the state boards that currently license structural engineers have been included in this process," he said.

The new 16-hour Structural exam is divided into two 8-hour components, which will be offered on successive days. The Vertical Forces component focuses on gravity loads and incidental lateral loads. The Lateral Forces component focuses on wind and earthquake loads.

Each component of the exam has a breadth module that contains questions covering a comprehensive range of structural engineering topics. Each component also has a depth module that focuses more closely on a single area of practice. Examinees will choose whether they want to concentrate on buildings or bridges for this module.

To pass the exam, examinees must pass both the Vertical Forces and Lateral Forces components, but these components may be taken and passed in different exam administrations.

The specifications for the new exam are available on the NCEES Web site (www.ncees.org). NCEES will also publish a book of sample questions and solutions in 2010 to familiarize examinees with the new exam's format and content areas.

"The changeover is still two years away, but it's an important transition," Miller said. "We want to give people as much advance notice as possible."

About NCEES

NCEES is a national nonprofit organization composed of engineering and surveying licensing boards representing all U.S. states, the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands. An accredited standards developer with the American National Standards Institute, NCEES develops, scores, and administers the examinations used for engineering and surveying licensure throughout the United States. NCEES also provides services facilitating professional mobility for licensed engineers and surveyors. Its headquarters is located in Clemson, S.C.

DISCIPLINARY ACTIONS

<u>DISCLAIMER:</u> Every effort has been made to ensure that the following enforcement information is correct. However, this information should not be relied upon without verification from the Board office. <u>It should be noted that the names of companies and individuals listed may be similar to the names of the parties who have not had enforcement actions taken against them.</u> Discipline orders are public data and copies may be obtained by contacting the Board office. Pursuant to Chapter 327, RSMo, a licensee is entitled to engage in the practice of architecture, engineering, land surveying or landscape architecture during his/her probationary period providing that the licensee adheres to all of the terms and conditions of the Order. However, a licensee whose license has been suspended, is not entitled to engage in the practice of architecture, engineering, land surveying or landscape architecture during his/her suspension period.

LICENSEES CURRENTLY ON PROBATION

ANDERSON, CHARLES ERIC, E-23080 - commenced on March 1, 2008 and ends on February 28, 2010.

ARK MO SURVEYING, LS-2007035145 - commenced on November 15, 2007 and ends November 14, 2009.

BLACK, PAUL D., E-17203 - commenced on September 24, 2008 and ends on September 23, 2011.

CALTON, LYNN B., LS-1527 - commenced on January 20, 2007 and ends January 19, 2010.

CORLE BUILDING SYSTEMS, INC., E-2005000808 - commenced on February 21, 2009 and ends on February 20, 2011.

G.W. HASTY & CO., P.C. LS - 2008024145 - commenced on August 6, 2008 and ends on August 5, 2010.

GOMEZ, PHILIP A, A-6390 - commenced on February 17, 2009 and ends on February 16, 2012.

HAMPTON, TOMMY R., E-10846 (INACTIVE) - commenced on July 5, 2008 and ends on July 4, 2011.

HERMANS, ALBERT P., E-23306 – commenced on November 9, 2008 and ends on November 8, 2011.

HUNTER, ELLIOTT DAVID, A-4617 - commenced on February 5, 2008 and ends on February 4, 2011.

JANSEN, LAWRENCE, LS-2385 - commenced on June 20, 2007 and ends on June 19, 2010.

KUDER, SAM L., LS-1714 - commenced on May 12, 2009 and ends on May 11, 2012.

<u>THE NATIONAL ARCHITECT CORP., A-2008013313</u> – commenced on May 19, 2008 and ends on May 18, 2011. On June 11, 2008, The National Architect Corporation filed an appeal with the Administrative Hearing Commission.

PLACE MAKERS, LLC, A-2008013312 - commencing on May 19, 2008 and ends on May 18, 2011.

PLOWFIELD, ROBERT, E-028363 - commenced on October 10, 2007 and ends October 9, 2010.

SAPP, MICHAEL F. A-4986 – commenced on November 15, 2008 and ends November 14, 2010.

SLAB MASTERS, INC., E-2008014863 – commenced on June 2, 2008 and ends on June 1, 2010.

STACK, IRVIN ROBERT (CORKY), E-19612 - commenced on May 5, 2005 and ends on May 4, 2010.

SUNSET DESIGN SERVICES, A-2008003962 - commenced on February 5, 2008 and ends on February 4, 2011.

WELYTOK, MARK E., A-6894 - commenced on March 29, 2007 and ends on March 28, 2012.

LICENSEES CURRENTLY ON SUSPENSION

<u>CRM ENGINEERING, INC., E-1534</u> – commenced on July 17, 2008 and will end January 16, 2009 followed by suspension for a period of six (6) months commencing on January 17, 2009 and will end on July 16, 2009 followed by probation for a period of four (4) years commencing on July 17, 2009 and will end on July 16, 2013.

REVOCATIONS

KENNETH M. BLOM, E-8226

Kansas City, Missouri

Summary: A heating/cooling system was designed for a school district by Russell Martin through Energy Engineering, Inc. under the immediate personal supervision of Kenneth M. Blom. Thereafter, a complaint was filed against Kenneth M. Blom alleging the following: 1) failure to show sufficient fresh air supply to meet ventilation requirement for rooms with operable windows and instructions on testing and balancing the system in the plans or specifications for a school district; 2) failure to place his signature over and not through his engineering seal and that no date appears on the specifications' signed and sealed page; 3) assisting or enabling two companies in the practice of engineering without a certificate of authority to do so; and, 4) gross negligence by enabling two companies in the unlicensed practice of engineering.

Cause for Discipline: Mr. Blom's conduct provides cause to discipline his professional engineering license pursuant to Sections 327.441.2(5), (6), (10) and (13), RSMo 2000 which state: (5) incompetency, misconduct, gross negligence, fraud, misrepresentation or dishonesty in the performance of the functions or duties of any profession licensed or regulated by this chapter; (6) by violation of, or assisting or enabling any person to violate, any provision of this chapter, or of any lawful rule or regulation adopted pursuant to this chapter; (10) assisting or enabling any person to practice or offer to practice any profession licensed or regulated by this chapter who is not licensed and currently eligible to practice pursuant to this chapter; and, (13) violation of any professional trust or confidence.

Board Action: On November 18, 2008 the Board issued an order revoking Mr. Blom's professional engineering license.

ENERGY ENGINEERING, INC., E-2001006118

Blue Springs, Missouri

Summary: A heating/cooling system was designed by Russell Martin through Energy Engineering, Inc. under the immediate personal supervision of Kenneth M. Blom. Thereafter, a complaint was filed alleging 1) failure to show sufficient fresh air supply to meet ventilation requirement for rooms with operable windows and instructions on testing and balancing the system in the plans or specifications for a school district; 2) failure to place his signature over and not through his engineering seal and that no date appears on the specifications' signed and sealed page; 3) assisting or enabling a company in the practice of engineering without a certificate of authority to do so; and, 4) gross negligence by submitting plans for a building without checking for Mr. Blom's endorsements as well as assisting and enabling the unlicensed practice of engineering.

<u>Cause for Discipline</u>: Cause exists for the Board to discipline the engineering Corporate Certificate of Authority of Energy Engineering, Inc. pursuant to Sections 327.441.2(5), (6), (10) and (13), RSMo 2000 which state: (5) incompetency, misconduct, gross negligence, fraud, misrepresentation or dishonesty in the performance of the functions or duties of any profession licensed or regulated by this chapter; (6) by violation of, or assisting or enabling any person to violate, any provision of this chapter, or of any lawful rule or regulation adopted pursuant to this chapter; (10) assisting or enabling

any person to practice or offer to practice any profession licensed or regulated by this chapter who is not licensed and currently eligible to practice pursuant to this chapter; and, (13) violation of any professional trust or confidence.

Board Action: On November 18, 2008 the Board issued an order revoking the engineering Corporate Certificate of Authority of Energy Engineering, Inc.

SUSPENSION/PROBATION

SAM LEE KUDER, LS-1714 (LAPSED)

Kingman, Arizona

<u>Summary:</u> A complaint was filed alleging that Mr. Kuder is guilty of incompetency with regard to a survey Mr. Kuder performed for Mr. Marion Hardin in Callaway County, Missouri. Also, a complaint was filed alleging that Mr. Kuder completed an incompetent survey. The survey, completed in 1994, was for a new subdivision. The land was owned by Jeff Werdehausen and was parceled off, developed, and sold. The new subdivision encroached upon Stokes cemetery, and a ¼ of the western part of the cemetery ended up as part of a lot.

<u>Cause of Action:</u> Mr. Kuder violated Sections 327.441.2(5), (6), and (13), RSMo 2008 which state: Incompetency in the performance of the functions or duties of any profession licensed or regulated by this chapter; violation of, or assisting or enabling any person to violate, any provision of this chapter, or of any lawful rule or regulation adopted pursuant to this chapter; and, violation of any professional trust or confidence.

Discipline: The Board authorized the Attorney General's Office to proceed with settlement. Thereafter, Mr. Kuder signed an agreement, agreeing to have his professional land surveying license suspended for a period of six (6) months commencing on November 12, 2008 and ending on May 11, 2009 followed by three (3) years probation commencing on May 12, 2009 and ending on May 11, 2012.

PROBATION

CORLE BUILDING SYSTEMS, INC., E-2005000808

Imler, Pennsylvania

<u>Summary:</u> On or about November 29, 2007, Corle Buildings Systems, Inc. (Corle) was disciplined by the West Virginia State Board of Registration for Professional Engineers resulting from Corle's failure to properly conform to accepted engineering standards in constructing numerous structures, and practicing engineering without a certificate of authorization for eleven years. Corle was assessed and ordered to pay the following amounts for the listed expenses and infractions: \$10,000 for administrative costs; \$250 civil penalty for practicing engineering without a certificate of authorization; and, \$44,000 civil penalty for approving and sealing buildings that did not conform to accepted engineering standards.

<u>Cause of Action:</u> Cause exists for the Board to discipline the certificate of authority held by Corle as a result of the disciplinary action taken against Corle by the State of West Virginia for practicing engineering without a certificate of authorization, and for approving and sealing buildings that did not conform to accepted engineering standards, which is a violation involving incompetency, misconduct, gross negligence, fraud, misrepresentation, or dishonesty, for which revocation or suspension would be authorized if such activity occurred in Missouri in violation of Sections 327.441.2 (5), (6), (8), and (13), RSMo (2008).

<u>Discipline:</u> The Board authorized the Attorney General's Office to proceed with settlement. Thereafter, on or about February 21, 2009, John J. Corle, President for Corle Building Systems, Inc. entered into an agreement with the Board, agreeing to place Corle's engineering Corporate Certificate of Authority on probation for a period of two (2) years commencing on February 21, 2009 and ending on February 20, 2011.

PAUL D. BLACK, E-17203

Nixa, Missouri

<u>Summary:</u> A complaint was filed with the Board alleging incompetence in the performance of engineering, in that Mr. Black inadequately designed the building plans for a project entitled "Community Foundation of the Ozarks, New Office Building, A Great Southern Bank, CDC Project."

<u>Cause of Action:</u> Mr. Black violated Sections 327.441.2(5), (6), and (13), RSMo 2008 which state: Incompetency, misconduct, gross negligence, fraud, misrepresentation or dishonesty in the performance of the functions or duties of any profession licensed or regulated by this chapter; violation of, or assisting or enabling any person to violate, any provision of this chapter, or of any lawful rule or regulation adopted pursuant to this chapter; and, violation of any professional trust or confidence.

<u>Discipline:</u> The Board authorized the Attorney General's Office to proceed with settlement. Thereafter, Mr. Black signed an agreement, agreeing to have his professional engineering license placed on probation for a period of three (3) years commencing on September 24, 2008 and ending on September 23, 2011.

ALBERT PAUL HERMANS, E-23306

Independence, Missouri

<u>Summary:</u> This file originated on January 29, 2008, when the Board voted to open a complaint on Mr. Hermans because he answered question #2 on his application to renew his professional engineer's license that he had been the subject of disciplinary action in another licensing jurisdiction for offering and practicing engineering in the State of Oklahoma without a certificate of licensure to do so; for aiding and assisting Energy Engineering, Inc. in the unauthorized practice of engineering; and for signing and sealing plans that were not prepared under his direct supervision or control. Mr. Hermans was found quilty, reprimanded, and assessed administrative penalties in the sum of \$3,000.

<u>Cause of Action:</u> Mr. Hermans violated Sections 327.441.2(8), RSMo 2008 which states: Disciplinary action against the holder of a license or certificate of authority, or other right to practice any profession regulated by this chapter granted by another state, territory, federal agency or country upon grounds for which revocation or suspension is authorized in this state.

<u>Discipline:</u> The Board authorized the Attorney General's Office to proceed with settlement. Thereafter, Mr. Hermans signed an agreement, agreeing to have his professional engineering license placed on probation for a period of three (3) years commencing on November 9, 2008 and ending on November 8, 2011.

MICHAEL F. SAPP, A-4986

Maryville, Illinois

Summary: A complaint was filed alleging that Michael F. Sapp, an architect, practiced engineering as well as incompetency with regard to his work on a hotel project in Poplar Bluff, Missouri.

<u>Cause of Action:</u> Mr. Sapp violated Sections 327.441.2(5), (6), (10), and (13), RSMo 2008 which state: Incompetency, misconduct, gross negligence, fraud, misrepresentation or dishonesty in the performance of the functions or duties of any profession licensed or regulated by this chapter; by violation of, or assisting or enabling any person to violate, any provision of this chapter, or of any lawful rule or regulation adopted pursuant to this chapter; assisting or enabling any person to practice or offer to practice any profession licensed or regulated by this chapter who is not licensed and currently eligible to practice pursuant to this chapter; and, violation of any professional trust or confidence.

<u>Discipline:</u> The Board authorized the Attorney General's Office to proceed with settlement. Thereafter, Mr. Sapp signed an agreement, agreeing to have his architectural license placed on probation for a period of two (2) years commencing on November 15, 2008 and ending November 14, 2010.

PROBATED LICENSES

PHILIP ANTHONY GOMEZ, A-6390

St. Louis, Missouri

<u>Summary:</u> Mr. Gomez was licensed by the Board on March 1, 1994 under license number A-6390. License number A-6390 remained active until Dec. 31, 2006 on April 1, 2007, said license suspended by operation of law due to failure to renew. On December 31, 2007, license number A-6390 officially expired. Thereafter, on or after January 1, 2007, Mr. Gomez offered and provided architectural services without having a current license from the Board to offer or provide such services.

<u>Cause of Action</u>: Cause exists for the Board to deny Mr. Gomez's architectural application for relicensure pursuant to the provisions of Section 327.441.2(5), (6), and (10), RSMo, which state: Incompetency, misconduct, gross negligence, fraud, misrepresentation or dishonesty in the performance of the functions or duties of any profession licensed or regulated by this chapter; violation of, or assisting or enabling any person to violate, any provision of this chapter, or of any lawful rule or regulation adopted pursuant to this chapter; and, assisting or enabling any person to practice or offer to practice any profession licensed or regulated by this chapter who is not licensed and currently eligible to practice pursuant to this chapter.

<u>Discipline:</u> In lieu of denial of Mr. Gomez's architectural application for relicensure, the Board authorized a probated license be issued to Mr. Gomez for a period of three (3) years commencing on February 17, 2009 and ending February 16, 2012.

DILLE & TRAXEL, LLC, A-2009003483

Poplar Bluff, Missouri

<u>Summary:</u> On or about April 22, 2002, Dille & Traxel offered and provided architectural services without having obtained a certificate of authority from the Board to offer or provide such services. It did so by incorporating in Missouri as part of its corporate statement of purposes to provide "architectural services."

<u>Cause of Action:</u> Cause exists for the Board to deny Dille & Traxel's application for an architectural certificate of authority pursuant to the provisions of Section 327.441.2(5) and (10), RSMo, which state: Incompetency, misconduct, gross negligence, fraud, misrepresentation or dishonesty in the performance of the functions or duties of any profession licensed or regulated by this chapter; and, assisting or enabling any person to practice or offer to practice any profession licensed or regulated by this chapter.

<u>Discipline:</u> In lieu of denial of Dille & Traxel's application for an architectural certificate of authority, the Board authorized a probated license to be issued to Dille & Traxel. Thereafter on February 17, 2009, the Board issued an Order to Dille & Traxel to pay \$1,600 in civil penalties, which shall be handled in accordance with the provisions of section 7 of article IX of the Missouri Constitution. Within 30 days of the date of the Order, Dille & Traxel shall issue a cashier's check or money order in the amount of \$1,600 made payable to Joe Humphrey, Treasurer of Butler County, Missouri, for payment to the county school fund. Upon payment of the civil penalties, the certificate of authority shall be considered in good standing. On March 17, 2009, the Board received a cashier's check in the amount of \$1,600 for the civil penalties from Dille & Traxel. On March 17, 2009, the Board mailed the \$1,600 cashier's check to Joe Humphrey, Treasurer of Butler County, Missouri. Dille & Traxel's architectural certificate of authority, number A-2009003483 is now considered in good standing.

ROYAL ENGINEERING CONSULTANTS, INC., E-2009003480

Raytown, Missouri

<u>Summary:</u> From May 7, 1997 until August 2, 2001, Royal Engineering Consultants, Inc. offered and provided engineering services without having obtained a certificate of authority from the Board to offer or provide such services by incorporating in Missouri and having as part of its corporate statement of purposes to provide "Engineering design and any other related matters." On August 2, 2001, Royal Engineering Consultants, Inc. forfeited its charter as a corporation; however, it reinstated its charter on October 6, 2008. Royal Engineering Consultants, Inc. continued to practice engineering through the corporate name of Royal Engineering Consultants, Inc. from August 2, 2001 through October 6, 2008.

<u>Cause of Action</u>: Cause exists for the Board to deny Royal Engineering Consultants Inc.'s application for an engineering certificate of authority pursuant to the provisions of Section 327.441.2(5) and (10), RSMo, which state: Incompetency, misconduct, gross negligence, fraud, misrepresentation or dishonesty in the performance of the functions or duties of any profession licensed or regulated by this chapter; and, assisting or enabling any person to practice or offer to practice any profession licensed or regulated by this chapter.

Discipline: In lieu of denial of Royal Engineering Consultants, Inc.'s application for an engineering certificate of authority, the Board authorized a probated license to be issued to Royal Engineering Consultants, Inc. Thereafter, on February 17, 2009, the Board issued an Order to Royal Engineering Consultants, Inc. to pay \$2,000 in civil penalties, which shall be handled in accordance with the provisions of section 7 of article IX of the Missouri Constitution. Within 30 days of the date of the Order, Royal Engineering Consultants, Inc. shall issue a cashier's check or money order in the amount of \$2,000 made payable to the Manager of Finance of Jackson County, Missouri, for payment to the county school fund. Upon payment of the civil penalties, the certificate of authority shall be considered in good standing. On or about February 27, 2009, the Board received a cashier's check in the amount of \$2,000 for the civil penalties from Royal Engineering Consultants, Inc. On February 27, 2009, the Board mailed the \$2,000 cashier's check to the Manager of Finance of Jackson County, Missouri. Royal Engineering Consultants, Inc.'s engineering certificate of authority, number E-2009003480 is now considered in good standing.

PUBLIC CENSURE

THOMAS F. KEETER, E-29175

Broken Arrow, Oklahoma

<u>Summary:</u> On or about July 12, 2007, Mr. Keeter was disciplined by the Oklahoma State Board of Licensure for Professional Engineers and Land Surveyors for signing and sealing the engineering plans that were not prepared under his direct supervision or control. Mr. Keeter was assessed an administrative penalty of \$2,000 and was publicly reprimanded by the Oklahoma State Board.

<u>Cause for Discipline</u>: Cause exists for the Board to discipline Mr. Keeter's professional engineering license pursuant to the provisions of Section 327.441.2(8), RSMo 2006, which states: Disciplinary action against the holder of a license or certificate of authority, or other right to practice any profession regulated by this chapter granted by another state, territory, federal agency or country upon grounds for which revocation or suspension is authorized in this state.

Board Action: The Board authorized the Attorney General's Office to proceed with settlement. Thereafter, on September 22, 2008, Mr. Keeter signed an agreement, agreeing to his professional engineer's license being Publicly Censured.

RULE UPDATES

Title 20—DEPARTMENT OF INSURANCE, FINANCIAL INSTITUTIONS AND PROFESSIONAL REGISTRATION

Division 2030—Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and
Landscape Architects
Chapter 5—Examinations

20 CSR 2030-5.080 Standards for Licensure—Engineers

NOTE: This rule was amended to allow those individuals who have earned a non-accredited graduate engineering degree from a U.S. school with an EAC/ABET- accredited undergraduate or graduate program in an equivalent discipline to be accepted for licensure and clarifies that any noted deficiencies in engineering courses must be made up with courses offered by an EAC/ABET-accredited degree program or equivalent.

PURPOSE: This rule sets out standards for admission to engineering examinations.

- (1) Before being admitted to the examination, an applicant for licensure as a professional engineer shall have the knowledge, skills and experience as the board deems necessary to qualify the applicant for being placed in responsible charge of engineering work. The minimum length of experience required of the applicant, based on education, is three (3) years for any applicant holding a master's degree in engineering; however, an applicant will not be admitted to the examination sooner than four (4) years after the applicant has satisfied the educational requirements of sections 327.221 and 327.241, RSMo, provided, however, any applicant who shall have been conferred a master's degree in engineering concurrently while acquiring three (3) years of satisfactory engineering experience, as provided in this rule, shall be admitted to the examination. The Engineers' Council for Professional Development (ECPD) has been succeeded by the Accreditation Board for Engineering and Technology, Inc. (ABET). For purposes of evaluating engineering curricula at the baccalaureate level, the programs accredited by the Engineering Accreditation Commission (EAC) of ABET shall be the basis used for evaluation of programs not accredited by EAC of ABET.
- (2) The board reserves the right to revoke this approval at any time and to prepare and administer the examination as it deems proper.
- (3) Foreign-educated applicants holding an engineering degree not accredited by ECPD, ABET, or its successor organizations will be required to submit a favorable evaluation report completed by an evaluation service acceptable by the professional engineering division of the board certifying equivalency to an ABET accredited degree. Applicants holding a United States of America (U.S.A.) engineering degree not accredited by ECPD, ABET, or its successor organizations will be required to have their educational degree program evaluated in order to determine whether or not it is equal to or exceeds the programs accredited by ECPD, ABET, or their successor organizations. The evaluation must be completed by an engineer(s) experienced in evaluating academic credentials selected by the professional engineering division or by an evaluation service acceptable by the professional engineering division of the board. The evaluator, by evaluation of transcripts and an official publication describing the engineering degree program of the institution, personal interview, by examination, or both in any other manner deemed suitable, shall make an evaluation as to whether the academic program completed by the applicant meets the minimum educational requirements established by section 327.221, RSMo. The evaluator shall recommend to the professional engineering division and report how any deficiencies can be corrected, listing prescribed educational areas to bring the applicant's academic qualifications up to the required minimum. Deficiencies in engineering courses must be made up with courses offered by an EAC/ABET-accredited degree program or equivalent. The report of the evaluator shall not be binding upon the division.
- (4) An applicant who completes an engineering education program that is non-accredited and not deemed substantially equivalent and who then earns a graduate engineering degree from a United States school with an EAC/ABET-accredited undergraduate or graduate program in an equivalent discipline shall be accepted for the licensure process. The graduate degree should be treated as confirming the undergraduate degree giving the applicant equal standing with an applicant who has graduated from an EAC/ABET undergraduate engineering program. The degree earned in the graduate program validates the degree earned in the non-accredited undergraduate program and would not then be applicable for experience credit.

- (5) A degree in engineering technology does not meet the educational requirements of section 327.221, RSMo.
- (6) Any applicant deemed by the professional engineering division under sections (3) or (4) of this rule to have completed an educational program which is equal to or exceeds those programs accredited by ECPD, ABET, or their successor organizations shall be required to have obtained the minimum engineering work experience as is required in section (1) of this rule. In all cases, the board will consider only that experience the applicant has obtained after satisfying the educational requirements of sections 327.221 and 327.241, RSMo.
- (7) In evaluating the minimum engineering work experience required of all applicants, the professional engineering division shall grant maximum credit as follows:
- (A) Engineering teaching at collegiate level (only advanced engineering subjects or courses related to advanced engineering at board approved schools), assistant professor and higher—year-for-year;
 - (B) Master's degree in engineering—one (1) year for completion;
- (C) Military service (commissioned only—normally this service is in a technical branch such as engineering, ordinance, civil work services (CWS), civil engineering corps (CEC), etc.): Generally year-for-year subject to evaluation;
- (D) Construction (technical decision-making level), above average complexity, nonstandard design, or both involving field modification—year-for-year;
 - (E) Project planning including layout and twenty-five percent (25%) or more design—year-for-year;
 - (F) Research and development at the planning and decision-making level—year-for-year; and
 - (G) Engineering management and administration—year-for-year.
 - (8) Individual evaluation may result in less than full credit.
- (9) In accordance with the authority conferred upon the board at section 327.241.6., RSMo, the board provides that any person, upon satisfactory showing of an urgent need, such as absence from the United States, economic hardship or professional necessity, and who has graduated from and holds an engineering degree from an accredited school of engineering, and has acquired at least three and one-half (3 1/2) years of satisfactory experience, and previously has been classified an engineer-in-training or engineer intern by having successfully passed the first part of the examination, shall be eligible to take the second part of the examination and, upon passing, shall be entitled to receive a certificate of licensure to practice as a professional engineer subject, however, to other provisions of Chapter 327, RSMo, including having acquired four (4) years of satisfactory experience.

AUTHORITY: section 327.041, RSMo Supp. 2007 and sections 327.221 and 327.241, RSMo 2000.* This rule originally filed as 4 CSR 30-5.080. Original rule filed March 16, 1970, effective April 16, 1970. Amended: Filed Sept. 13, 1977, effective March 11, 1978. Amended: Filed Dec. 8, 1981, effective March 11, 1982. Amended: Filed Sept. 13, 1983, effective Dec. 11, 1983. Amended: Filed Nov. 9, 1984, effective Feb. 11, 1985. Amended: Filed Sept. 12, 1985, effective Dec. 12, 1985. Amended: Filed Aug. 31, 1987, effective Nov. 23, 1987. Amended: Filed Feb. 15, 1989, effective May 11, 1989. Amended: Filed Oct. 3, 1995, effective April 30, 1996. Amended: Filed May 13, 2005, effective Nov. 30, 2005. Moved to 20 CSR 2030-5.080, effective Aug. 28, 2006. Amended: Filed Aug. 11, 2008, effective Feb. 28, 2009.

*Original authority: 327.041, RSMo 1969, amended 1981, 1986, 1989, 1993, 1995, 1999, 2001; 327.221, RSMo 1969, amended 1981, 1983, 1999; and 327.241, RSMo 1969, amended 1977, 1981, 1983, 1999.

Title 20—DEPARTMENT OF INSURANCE, FINANCIAL INSTITUTIONS AND PROFESSIONAL REGISTRATION

Division 2030—Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and
Landscape Architects
Chapter 11—Renewals

20 CSR 2030-11.015 Continuing Professional Competency for Professional Engineers

NOTE: This rule was amended to clarify the continuing professional competency requirement for new licensees and to limit the credit awarded to licensees attending or teaching a qualifying course to the first occurrence per renewal period.

PURPOSE: The continuing professional competency (continuing education) requirement is to demonstrate a continuing level of competency for professional engineers.

(1) Purpose.

- (A) Effective December 31, 2004, as a condition for renewal of an engineering license issued pursuant to section 327.261, RSMo a licensee shall have successfully completed thirty (30) professional development hours, as defined by this regulation, within the two (2) immediately-preceding years (renewal period). Any licensee who completes more than thirty (30) professional development hours within the preceding two (2) calendar years may apply the excess, not to exceed fifteen (15) hours, to the requirement for the next two (2)-year period.
- (B) Continuing professional competency (continuing education) is a requirement for every professional engineer licensed by the board, regardless of age, area of practice, or whether the licensee lives in-state or out-of-state pursuant to section 327.271, RSMo.
- (C) Continuing professional competency obtained by a licensee should maintain, improve or expand skills and knowledge obtained for initial licensure, or to develop skills and knowledge relevant to the practice of professional engineering.
- (D) If the licensee served honorably on full-time active duty in the military, the licensee may renew his/her license without completing the PDH requirement for the renewal period during which the licensee served.
- (E) A professional engineer who holds licensure in Missouri for less than twelve (12) months from the date of his/her initial licensure shall be required to complete the number of continuing education hours calculated by multiplying 1.25 and the number of full months they will be licensed before their first renewal.

(2) Definitions.

- (A) Board. The Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects.
- (B) Continuing education unit (CEU). Unit customarily used for continuing education courses. One (1) CEU equals ten (10) nominal contact hours of class in an approved continuing education course.
- (C) Professional development hour (PDH). One (1) nominal contact hour of instruction or presentation. The common denominator for other units of credit.
- (D) Professional engineering division. The three (3)-member division of the board that concerns itself with the profession of engineering.
- (E) Sponsor. An individual, organization, association, institution or other entity that provides an educational activity for the purpose of fulfilling the professional development requirements of the board.
- (3) Activities. All such activities must be relevant to the practice of engineering and may include technical, ethical, or managerial content. Professional development activities that satisfy these requirements shall include, but shall not be limited to:
 - (A) Successfully completing college or university courses;
 - (B) Successfully completing courses that are awarded CEU(s);
- (C) Active participation and successful completion of seminars, tutorials, workshops, short courses, correspondence courses, televised or videotaped courses or in-house courses;
 - (D) Attending program presentations at related technical or professional meetings;
 - (E) Teaching or instructing (see (3)(A)–(D)); and

- (F) Authoring papers or articles that appear in nationally circulated technical journals or trade magazines.
- (4) Criteria. Professional development activities must meet the following criteria:
- (A) There is a clear purpose and objective for each activity that will maintain, improve or expand skills and knowledge obtained prior to initial licensure or to develop new and relevant skills and knowledge;
 - (B) The content of each presentation is well organized and presented in a sequential manner;
 - (C) There is evidence of preplanning that should include the opportunity for input by the target group to be served;
 - (D) The presentation will be made by persons who are well qualified by education and experience; and
- (E) There is a provision for individual participant registration that will include information required for record keeping and reporting.
 - (5) Units. The conversion to PDHs from other units is as follows:
 - (A) One (1) semester hour of college credit 30 PDH;
 - (B) One-quarter (1/4) hour of college credit 20 PDH;
 - (C) One (1) CEU 10 PDH; and
 - (D) One (1) nominal contact hour of acceptable professional development education 1 PDH
- (6) Credits. PDHs of credit for qualifying courses successfully completed that offer semester hour, quarter hour, or CEU credit is as specified in this rule. All other activities permit the earning of one (1) PDH of credit for each contact hour with the following exceptions:
- (A) Auditing or "hearing" of university or college courses permit PDH credit of one-third (1/3) as shown in section (5);
- (B) Teaching or instructing qualifying courses or seminars or making presentations at technical meetings or conventions earn PDH credit at twice that of participants;
- (C) Five (5) PDHs are earned for a paper or article that is published in a nationally circulated technical journal or article. Credit cannot be claimed until that article or paper is actually published; and
- (D) Notwithstanding the provisions above, PDHs will only be awarded for the first occurrence of attending or teaching a qualifying course or seminar per every two (2) year renewal period.
- (7) Reciprocity. PDHs may be acquired at locations other than Missouri, so long as the content meets the requirements of this regulation.
- (8) Forms. All renewal applications will require the completion of a continuing education form specified and supplied by the board. The licensee must certify and sign the form, and submit it with the renewal application and fee.
- (9) Records. The responsibility of maintaining records that can be used to support credits claimed is the responsibility of the licensee. Records required include but are not limited to: 1) a log showing the type of activity claimed, sponsoring organization, location, duration, instructor's or speaker's name, and PDH credits earned; and 2) attendance verification records in the form of completion certificates, signed attendance receipts, paid receipts, a copy of a listing of attendees signed by a person in responsible charge, or other documents supporting evidence of attendance. These records must be maintained for a period of four (4) years and copies must be furnished to the board for audit verification purposes if requested. At its discretion, the board may randomly audit a portion of licensees each renewal period, or a specific licensee if a complaint has been filed against the licensee.
- (10) Disallowance. The board will review all claimed PDH credits for compliance with the regulation. If in the review the board finds that the PDH credit is not acceptable, the board shall inform the licensee of the criteria that has not been adhered to. The licensee shall have three (3) months from the license renewal date in which to substantiate the original claim or to earn other credits to meet the minimum requirements.

AUTHORITY: section 327.041, RSMo Supp. 2007 and section 327.261, RSMo 2000.* This rule originally filed as 4 CSR 30-11.015. Original rule filed Nov. 1, 2001, effective June 30, 2002. Moved to 20 CSR 2030-11.015, effective Aug. 28, 2006. Amended: Filed Oct. 16, 2006, effective April 30, 2007. Amended: Filed Feb. 22, 2008, effective Aug. 30, 2008. Amended: Filed Aug. 11, 2008, effective Jan. 30, 2009.

*Original authority: 327.041, RSMo 1969, amended 1981, 1986, 1989, 1993, 1995, 1999, 2001 and 327.261, RSMo 1969, amended 1981, 1989, 1999.

20 CSR 2030-11.025 Continuing Education for Architects

NOTE: This rule was amended to limit the credit awarded to licensees teaching a qualifying course to the first occurrence per renewal period.

PURPOSE: The continuing education requirement is to demonstrate a continuing level of competency for architects.

(1) Purpose.

- (A) Effective December 31, 2006, as a condition for renewal of an architectural license issued pursuant to section 327.171, RSMo a licensee shall have successfully completed twenty-four (24) continuing education units (CEUs), as defined by this regulation and the American Institute of Architects (AIA), within the two (2) years immediately preceding the renewal date or be exempt from these continuing education requirements as provided in this rule. At least sixteen (16) CEUs shall be related to health, safety, and welfare (HSW) acquired in structured educational activities. All twenty-four (24) hours may be acquired in such HSW subjects and activities. Failure to comply with these requirements will result in nonrenewal of the architect's license or other disciplinary action or both unless noted below. Any licensee who completes more than twenty-four (24) CEUs within the preceding two (2) calendar years may apply the excess, not to exceed twelve (12) units, to the requirement for the next two (2)-year period.
- (B) Continuing education is a requirement for every architect who is actively licensed by the board, regardless of age, area of practice, or whether the licensee lives in-state or out-of-state pursuant to section 327.171, RSMo.
- (C) Continuing education obtained by a licensee should maintain, improve or expand skills and knowledge obtained for initial licensure, or to develop skills and knowledge relevant to the practice of architecture and necessary to safeguard life, health, property and promote the public welfare.

(2) Definitions.

- (A) Architectural Division. The three (3)-member division of the board that concerns itself with the profession of architecture.
- (B) Board. The Missouri Board for Architects, Professional Engineers, Professional Land Surveyors, and Landscape Architects.
 - (C) Contact hour. One (1) nominal contact hour of acceptable continuing education is equivalent to one (1) CEU.
- (D) Continuing education unit (CEU). One (1) nominal contact hour of instruction or presentation. One (1) CEU shall represent a minimum of fifty (50) minutes of actual course time. No credit will be allowed for introductory remarks, meals, breaks or administrative matters related to courses of study.
- (E) Sponsor. An individual, organization, association, institution or other entity that provides an educational activity for the purpose of fulfilling the continuing education requirements of the board. The sponsor is responsible for providing the attendees with verification records such as certificates of attendance, signed attendance receipts, paid receipts, a copy of a listing of all attendees signed by a person in responsible charge of the activity, or other documentation verifying attendance.

(3) Initial Registration.

(A) An architect who holds licensure in Missouri for less than twelve (12) months from the date of his/her initial licensure, shall not be required to report continuing education hours at the first license renewal. An architect who holds licensure in Missouri for more than twelve (12) months, but less than twenty-four (24) months from the date of initial licensure, shall be required to report twelve (12) CEUs, which includes eight (8) CEUs in HSW earned in the preceding twelve (12) months at the first license renewal.

(4) Activities.

- (A) The following suggested list may be used by all licensed architects in determining the types of activities that may fulfill continuing education requirements:
- 1. Contact hours in attendance at short courses or seminars, dealing with architectural or engineering subjects, as appropriate, to each discipline and sponsored by colleges or universities;
 - 2. Contact hours in attendance at technical presentations on subjects which are held in conjunction with con-

ventions or at seminars related to materials use and function. Such presentations as those sponsored by the National Council of Architectural Registration Boards, American Institute of Architects (AIA), Construction Specifications Institute, Construction Products Manufacturers Council or similar organizations devoted to architectural or engineering education may qualify;

- 3. Contact hours in attendance at short courses or seminars, relating to business practice or new technology and offered by colleges, universities, professional organizations, or system suppliers;
- 4. Contact hours spent in self-study courses sponsored by the National Council of Architectural Registration Boards, AIA, or similar organizations;
- 5. Three (3) units preparing for each class hour spent teaching architectural courses or seminars. Credit is allowed for first occurrence of teaching course or seminar per two (2)-year renewal period. College or university faculty may not claim credit for teaching regular curriculum courses:
- 6. Contact hours spent in architectural research, which is published or formally presented to the profession or public;
- 7. College or university credit courses dealing with architectural subjects or business practice. Each semester hour shall equal fifteen (15) CEUs;
- 8. Contact hours spent in professional service to the public that draws upon the licensee's professional expertise on boards or commissions, such as: serving on planning commissions, building code advisory boards, urban renewal boards, or code study committees;
- 9. Contact hours spent in education tours of architecturally significant buildings, where the tour is sponsored by a college, university, or professional organization; or
- 10. A maximum of two (2) CEUs annually may be used for serving as a mentor or sponsor for the Intern Development Program (IDP).

(5) Exemptions.

- (A) A licensed architect shall be deemed to have complied with the foregoing continuing education requirements if the architect attests in the required renewal that for not less than twenty-one (21) months of the preceding two (2)-year period of licensure, the architect (one of the following):
- 1. Is a resident of another state or district having continuing education requirements for licensure as an architect and has complied with all requirements of that state or district for practice therein; or
 - 2. Is a government employee working as an architect and assigned to duty outside the United States.
- (B) If the licensee served on full-time active duty in the military the licensee may renew his/her license without completing the CEU requirement for the renewal period during which the licensee served.

(6) Reactivation—Retired or Inactive.

- (A) Architects, who so attest on their renewal that they are retired from active practice or are not engaged in the active practice of architecture, may place their license in an inactive status. Those doing so cannot practice but can still retain the title of architect. Such architect may, however, reenter practice only after paying the required fee and satisfying the board of their proficiency. Proficiency may be established by any one (1) of the following:
- 1. Submitting verifiable evidence of compliance with the aggregate continuing education requirements for the reporting periods attested as retired from active practice or not engaged in active practice; or
 - 2. Retake the architectural examination; or
- 3. Fulfill alternative reentry requirements determined by the board, which serve to assure the board of the current competency of the architect to engage in the practice of architecture.

(7) Reciprocity.

(A) CEUs may be acquired at locations other than Missouri, so long as the content meets the requirements of this regulation.

(8) Forms.

(A) All renewal applications will require the submission of either a continuing education form specified and supplied by the board or the AIA/CES reporting form prescribed by the AIA. The licensee must certify and complete the attestation on the form, before submitting it with the renewal application and fee. Failure to fulfill the continuing education requirements, or file the required reporting form, properly and completely signed, shall result in nonrenewal of a licensee's license.

(9) Records.

(A) The responsibility of maintaining records, which can be used to support credits claimed, is the responsibility of the licensee. Each architect shall complete and submit the required reporting form certifying that he/she has acquired the required continuing education hours. These records must be maintained for a period of four (4) years and copies must be furnished to the board for audit verification purposes, if requested. At its discretion, the board may randomly audit a portion of licensees each renewal period or a specific licensee if a complaint has been filed against the licensee. Any untrue or false statements or the use thereof with respect to course attendance or any other aspect of continuing education activity is fraud or misrepresentation and will subject the architect to license revocation or other disciplinary action. If in the review, the board finds that the CEU is not acceptable, the board shall inform the licensee of the criteria that has not been adhered to. The licensee shall have three (3) months from the license renewal date in which to substantiate the original claim or to earn other credits to meet the minimum requirements.

AUTHORITY: section 327.041, RSMo Supp. 2007 and sections 41.946 and 327.171, RSMo 2000.* This rule originally filed as 4 CSR 30-11.025. Original rule filed March 15, 2004, effective Sept. 30, 2004. Moved to 20 CSR 2030-11.025, effective Aug. 28, 2006. Amended: Filed Oct. 16, 2006, effective April 30, 2007. Amended: Filed Aug. 11, 2008, effective Jan. 30, 2009.

*Original authority: 41.946, RSMo 1991; 327.041, RSMo 1969, amended 1981, 1986, 1989, 1993, 1995, 1999, 2001; and 327.171, RSMo 1969, amended 1981, 1989, 1999.

MULTIPLE-CHOICE ADMINISTRATION DATES EXPANDED FOR L.A.R.E.

Starting with the September 2009 administration of the Multiple-Choice exams, the three-day testing window is being expanded to a two-week window. This will allow more exam candidates the opportunity to take exams at a time that is best suited for their schedule. Exam candidates may take any multiple-choice exam on any day within the two-week window.

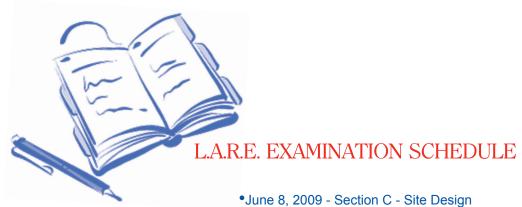
CLARB is implementing this change in response to feedback received from exam candidates and employers who have expressed frustration about the loss of time at work (and sometimes loss of pay) to take exams that were only offered Monday thru Friday.

Scores will be available within four weeks of the last day of the exam administration. While a candidate taking the exam on the first day of this expanded window will have to wait two weeks longer for his/her scores, we believe that the increased testing window will be well worth the wait in exchange for the increased flexibility.

CLARB has started communicating with candidates about the enhancements to the multiple-choice administration in the April edition of the L.A.R.E. Connection and will follow up with a targeted mailing in May.

Finally, the expanded testing window will only apply to the multiple-choice administration. The graphic administration of the exam presents unique and complex security issues that will not allow for the expanded testing window at this time.

If you have questions regarding this change, please contact Valerie Heh Gardner at valerie@clarb.org



•June 9, 2009 - Section E - Grading Drainage and Storm Water Management

September 15 & 16, 2009 - Section A and B

•September 16 & 17, 2009 - Section D

For deadline dates, please visit CLARB's website at: http://www.clarb.org

(The test centers have a limited number of stations available for each administration.

Spaces are reserved on a first-come, first-served basis.

Candidates are encouraged to register as early as possible to have the best selection of testing centers.)

EXAMINATION DATES AND FILING DEADLINES

Completed Application for Examination or Re-Examination/Rescheduling Application Form must be filed (received) in the Board office not later than the filing deadline, NO EXCEPTION.

Fundamentals of Land Surveying Examination Dates	Application Filing Deadline	Re-Examination/Re-Scheduling Application-Filing Deadline
October 24, 2009	June 1, 2009	August 15, 2009
April 17, 2010	December 1, 2009	February 15, 2010
October 30, 2010	June 1, 2010	August 15, 2010
April 9, 2011	December 1, 2010	February 15, 2011
October 29, 2011	June 1, 2011	August 15, 2011
Principles and Practice of Land Surveying Examination Dates	Application Filing Deadline	Re-Examination/Re-Scheduling Application-Filing Deadline
October 23, 2009	June 1, 2009	August 15, 2009
April 16, 2010	December 1, 2009	February 15, 2010
October 29, 2010	June 1, 2010	August 15, 2010
April 8, 2011	December 1, 2010	February 15, 2011
October 28, 2011	June 1, 2011	August 15, 2011
Fundamentals of Engineering Examination Dates	Application Filing Deadline	Re-Examination/Re-Scheduling Application-Filing Deadline
October 24, 2009	June 1, 2009	August 15, 2009
April 17, 2010	December 1, 2009	February 15, 2010
October 30, 2010	June 1, 2010	August 15, 2010
April 9, 2011	December 1, 2010	February 15, 2011
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October 29, 2011	June 1, 2011	August 15, 2011
Principles and Practice of	Application Filing Deadline	Re-Examination/Re-Scheduling
Principles and Practice of Engineering Examination Dates	Application Filing Deadline	Re-Examination/Re-Scheduling Application-Filing Deadline
Principles and Practice of Engineering Examination Dates October 23, 2009	Application Filing Deadline June 1, 2009	Re-Examination/Re-Scheduling Application-Filing Deadline August 15, 2009
Principles and Practice of Engineering Examination Dates October 23, 2009 April 16, 2010	Application Filing Deadline June 1, 2009 December 1, 2009	Re-Examination/Re-Scheduling Application-Filing Deadline August 15, 2009 February 15, 2010
Principles and Practice of Engineering Examination Dates October 23, 2009	Application Filing Deadline June 1, 2009	Re-Examination/Re-Scheduling Application-Filing Deadline August 15, 2009

2008 YEAR END REPORT

NUMBER OF EXAMINATIONS ADMINISTERED:

A.R.E. – Version 3.1 - January 1, 2008 – De	ecember 31, 2008	•Construction Documents & Services	- 3 Candidates - 2 Passed
•Pre-Design	- 27 Candidates - 25 Passed		- 1 Failed
	- 2 Failed	•Programming, Planning & Practice	- 2 Candidates- 0 Passed
•Site Planning	- 55 Candidates - 30 Passed		- 2 Failed
Duilding Diaming	- 25 Failed	•Schematic Design	- 1 Candidates - 1 Passed
•Building Planning	44 Candidates29 Passed15 Failed	•Site Planning & Design	- 0 Failed - 2 Candidates
•Building Technology	- 69 Candidates	Site Flaming & Design	- 1 Passed - 1 Failed
Danialing footiloogy	- 48 Passed - 21 Failed	•Structural Systems	- 1 Candidates
•General Structures	- 41 Candidates	•	- 0 Passed - 1 Failed
	- 31 Passed - 10 Failed	Professional Engineering Examinations	- 347 Candidates
•Lateral Forces	- 35 Candidates - 27 Passed - 8 Failed	(April, 2008 and October, 2008)	- 203 Passed - 144 Failed
•Mechanical & Electrical Systems	- 31 Candidates - 27 Passed - 6 Failed	Engineering Intern Examinations (April, 2008 and October, 2008)	- 1,034 Candidates- 614 Passed- 420 Failed
•Materials & Methods	- 10 Candidates - 9 Passed - 1 Failed	Principles and Practice of Land Surveying Examinations (April, 2008 and October, 2008)	- 21 Candidates - 13 Passed - 8 Failed
Construction Document Service	- 14 Candidates - 13 Passed - 1 Failed	Missouri Specific of Land Surveying (April, 2008 and October, 2008)	- 68 Candidates - 22 Passed - 46 Failed
A.R.E Version 4.0 - January 1, 2008 – De	cember 31, 2008	Fundamentals of Land Surveying Examinations	- 38 Candidates - 19 Passed
•Building Design & Construction System	- 2 Candidates - 1 Passed - 1 Failed	(April, 2008 and October, 2008) NUMBER OF REGISTRATIONS GRANTE	- 19 Failed D BY COMITY:
•Building Systems	- 3 Candidates	Architectural	196
	- 3 Passed - 0 Failed	Engineering Land Surveying Landscape Architects	545 4 26

(2008 Year End Report continued...)

NUMBER OF CORPORATE CERTIFICATES OF AUTHORITY ISSUED:

57	- 1
123	
24	
11	
4,342	
13,838	
936	
328	
19,444	
27,255	
399	
419	
2,320	
174	
	123 24 11 4,342 13,838 936 328 19,444 27,255 399 419 2,320

Architectural Corporations	601
Engineering Corporations	1,259
Land Surveying Corporations	267
Landscape Architectural Corporations	68
Total Corporate Licenses	2,195

Landscape Architects with Inactive Status 0
Total Individual Licensees with Inactive Status 2,913

STATISTICS FOR 2008

COMPLAINTS: (Pending at Beginning of 2008 – 111)

Breakdown of New Complaints Filed in 2008

Unlicensed persons practicing architecture Unlicensed persons practicing architecture and engineering Unlicensed persons practicing engineering Unlicensed persons practicing land surveying Unlicensed persons practicing landscape architecture Architects practicing engineering Engineers practicing architecture Engineers practicing land surveying Land Surveyors practicing engineering Landscape Architects practicing engineering	9 4 5 5 0 2 0 0 0 0
Landscape Architects practicing architecture Landscape Architects practicing engineering	0
Architects charged with unprofessional conduct	1

Engineers charged with unprofessional conduct Land Surveyors charge with unprofessional conduct	0
Landscape Architects charged with unprofessional conduct	0
Architects disciplined in another state	0
Engineers disciplined in another state	9
Land Surveyors disciplined in another state	0
Landscape Architects disciplined in another state	0
Federal Exemption Clause	0
Offering architectural services without a Corporate Certificate of Authority	9
Offering engineering services without a Corporate Certificate	
of Authority	2
Offering land surveying services without a Corporate Certificate	
of Authority	4
Offering landscape architecture without a Corporate Certificate of Authority	1
Architects/Engineers/Surveyors/Landscape Architects charged	
with fraud, incompetency or negligence	10
Land Surveyors charged with incompetent surveys, inaccurate	_
surveys, or surveys that do not meet Minimum Standards	7
Failure to Provide Immediate Personal Supervision	3
Other violation	11

<u>Total Number of New Complaints filed in 2008 – 82</u>

Breakdown of Complaint Files Closed In 2008

Formal censure based on cause of discipline	1
Placed on probation	12
Suspension followed by probation	3
House Bill 600 Suspensions	7
Injunction obtained	0
License revoked	2
Insufficient evidence of violation, no action taken	31
Not within the jurisdiction of the Board	11
Satisfactory completion of probation	1
Voluntary surrender of license	1
Complaint was withdrawn by complainant	1
Corporate Certificate of Authority was obtained	6
Written assurances to either cease and desist or to comply w/	
Chapter 327 were received	12
Board letter (violation did not warrant further action)	1
Corrective Action was taken	13
Other Action	5

Total Number of Complaint Files Closed in 2008: 107

(2008 Year End Report continued...)

UNLICENSED PRACTICE:

As you can see in 2008 the Board has had 25 complaints filed against individuals and 16 complaints filed against corporations which were charged with practicing architecture, professional engineering, land surveying and/or landscape architecture without being properly licensed. If an individual or corporation refuses to voluntarily cease and desist all illegal activities and to conduct all future activities in compliance with Chapter 327, then the Board can request the Attorney General's office to file suit in the appropriate circuit court seeking an injunction to restrain that individual or corporation from practicing architecture, professional engineering, land surveying and/or landscape architecture without a license. In 2008, the Board authorized the Office of the Attorney General to file four (4) cases in Circuit Court to obtain an injunction to restrain illegal practice of architecture, professional engineering, land surveying and/or landscape architecture. Another option the Board has is to refer the matter to the Attorney General's Office to seek authority to assess a civil penalty. A civil penalty imposed under Section 327.077 can be as high as \$5,000 for each offense. However, each day of a continued violation constitutes a separate offense, with a maximum penalty of \$25,000.

NEW LICENSEES

The following individuals and corporations were licensed between September 1, 2008 and April 1, 2009.

ARCHITECT LICENSEES

Altemeyer, Donald Blaine Avers, Kathleen Alice Bockian, David A. Bollinger, Kevin D. Brewer, Marcus Jav Brown, Stephen Lee Browning, Bill David Buford, Paul Eugene Buland, Caleb Gene Bullard, Brian Patrick Carrier, Gordon Ray Ceferin, Michael J. Chenevert, Norman J. Clark, Nathaniel Orlando Cobb, Alan Howard Coleman, Joy L. Collins, Clifford Benjamin Conley, James R. Day, Jeffrey Keith Dixon, Neil Edwin Drews, Dennis G. Durham, Justin Graham Ernest, Jeffrey W. Fetz, Richard Alan Fisher, Randall L. Furnell, Jason Wade Gainey, Michael Brandon Galayda, Steve Alan Gifford, Steven K.

Gover, Ronald Ellis Hacker, Craig Randal Hales, Kimball L. Highlander, Donald A. Hillhouse, Timothy Allan Hoeferlin, Derek James Hofmann, David Paul Honchell, Mark E. Imsland, Shannen L. Jackson, Jon C. Jackson, Roger Phillips Jacoby, Gregory E. Janis, Richard Ronald Jann, David Nelson Johnson, Suzanne Marie Keens, Kevin Francis Keller, R. G. Kerns, Kelly D. Kerns, Kurt Russell Krueger, Justin M. Ladrick, Richard S. Lagerberg, Eric Lentz, Heather Annette Liu, Kechi Marshall, Daniel J. Mayfield, Jason A McDonough, Thomas P. Monzu, Jeffrey Scott

Morgan, Thomas M. Mosko, Mark Thomas Muffoletto, Jack Musciano, Gary Walter Myers, Michael R. Pastine, Laura Ann Phillips, Robert John Record, Douglas A Rehg, Michael Patrick Robar, David Lloyd Roeder, Matthew Damien Rupert, Dennis E. Sams, Christopher Joseph Schweder, John Henry Seidenstricker, Dale Allen Shanks, Lonnie J. Shook, Lori A. Sims, Gregory D. Small, George F. Smith, Carolyn Jane Stein, Lester M. Stensland, Robert John Top, John Steven Trost, Gregory Charles Wandersee, Jason Patrick Warnecke, Patrick Robert Watkins, William M. Whitlock, Margit E.

Whitmoyer, James T. Willrich, Daniel C. Willson, Travis J. Wilson, Douglas Grant Wirth, Jonathan D. Zehm, Sky C. Zivic, Gwynn Marie

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ARCHITECTURAL CORPORATIONS

Architectural Design Consultants, P.C. Architecture + A Professional Corporation BK Architects, LLC **BNB Design LLC** Bopp Architecture, LLC Browning Day Mullins Dierdorf P.C. Cedarwood Architectural, Inc. Columbia Associates Architecture & Interior Design, Inc. Cornerstone Architects Ltd.

Davison Architecture & Urban Design LLC Design +, Inc.

Dille & Traxel, L.L.C.

Framework Design, Inc. J. Price Architecture, Inc. JRA Architecture, LLC Kazmaier & Associates, LLC Lawrence Group Residential, LTD Mike Hughes Architects, P.C. Norr, LLC Rose Design Group Inc.

Sabatini Architects Inc. Scott & Goble Architects, P.C. Stantec Architecture Inc. Studio 3 Design LLC

Tevis Architectural Group PC

PROFESSIONAL ENGINEER LICENSEES

Abbott, Paul Edwin, Jr. Alexander, Ty G. Alkhas, Benjamin Allen, Jeffrey S. Anklesaria, Bejun N. Arling, Martin T. Arnold, Daniel Thomas Bachman, Thomas C. Badami, Michael James Baehr, Robert G. Baltzer, Mark N. Barnes, Bruce A. Barney, Scott M. Barnthouse, Russell Bryan Barrett, David Lee Barrett, William A. Barry, Shawn W. Bast, William D. Bastaja, James L. Battles, Craig Allen Bax, Michael Brenden Beard, Christopher William Bechtold, John William Belcher, Chet D. Bellew. Thomas Bret Bevill, Jeremy Alan Bjelica, Alex Nicholas Bloome, Clayton Thomas Bosco, John B. Bracci, Richard L. Breuer, Mark Allen

Brown, Norman K.

Burnett, Dary Win, II

Bunger, Craig A.

Burris, Richard D. Butler, Peter J. Byrd, Wesley Thomas Byron, Patrick Robert Calabro, S. Joji Camarda, Marcia M. Campion, Kevin R. Carey, Timothy Patrick Carr, Jere Scott Carson, Thomas Michael Case, James Willard Charles, Douglas Eugene Clein, Scott T. Cline, Jimmy J. Keith Coan, Rusty A. Coates, Calvin E. Collyer, Robyn Rauk Colombatto, Terrence J. Cooper, Frank William, Jr. Corsiglia, James A. Crawford, Amy B. Crist, Robert A., Jr. Crowe, Robert Matthew Crutchley, Adam M. Dailey, Andrew Joseph Darga, Michael Gerard Davis, Scott A. Davis, Steven Paul Deeken, John Joseph Dilione, Arthur Rock Dinndorf, Bradley P. Discasey, Charles R. Dlugosz, Michael

Dominisse, Kyle Richard

Donan, James Lyle Douma, Mark W. Duncan, Brent Ray Duncan, Lincoln Dwyer, Todd Douglas Dyer, Daniel T. Elliott, Dustin L. Ellison, Brian Kirk Ellison, Martin Edward File, Joe D. Findlay, Paul Frederick Fisher, Naomi Joyce Fite, Sonny James Flener, Kermit Edward, Jr. Flickinger, Michael J. Flum, David L. Foglesong, Trenton Douglas Fowerbaugh, Kurt E. Gahl, John Michel Galla, Nicholas S. Gallagher, Benjamin Japheth Hoff, Jeannie Marie Gaynor, James E. Gildehaus, Matthew Alan Gillis, William LeRoy, III Godfrey, Jerry Lynn Going, Leonard Marvin Gollins, Michael Jason Gomez, Jorge Eduardo Gowen, Bradley Thomas Greco, Joseph Anthony Grenier, John E. Griffin, Peter P. Grise, Matthew James

Guggenberger, Joe David, II

Hale, Solon V.R. Hall, Beverly R. Hall. Jerome H.. Jr. Hannel, Kevin N. Haravitch, Lucas John Hardy, Justin R. Hare, Clayton Lamar, Jr. Hargrave, Elizabeth D. Harkey, Michael P. Hart. Michael D. Hartmann, Ron S. Hauser, Tracy J. Haw, Jeffrey J. Havmond, John P. Hazelton, Stephen Hedemann, Philip P. Hemdan, Mohammad Hevlin, Tyler L. Hill, Brian Sterling Hinton, Jesse Douglas Honiotes, John J. Hoover, Mark Christopher Howell, Wayne Boyd Hu. Hui Hughes, Douglas Ervin Ivy, Kirk Hessel Jennison, Kenneth Harry Jeter. Tia M. Ji, Jianxin Johannes, Andrew Carson Johnson, Grace D. W.

Jones, Maurice Dean, Jr.

Joye, James D.

Kaderbek, Stan-lee C. Kahler, James Kraig Kalaga, Sriram Kaushansky, Jeffrey F. Kelley, Paul L. Kelly, Christopher Alan Khatri, Dilip M. Kimmel, Curt W. King, Gregory D. Kinsel, Thomas E. Kirchner, Lawrence L. Kirn, Lucas Edward Klein, Jamie M. Knapp, Michael Dennis Knudsen, Troy Ryan Kober, Aaron Christopher Konda, Travis F. Korte, Thomas J. Krzoska, James Alan Kurwadkar, Sudarshan Tanaji Ladisich, Robert Thomas Lastinger, Travis Lavar Lawrence, Steve C. Layne, William H. Lee, Michael Wayne Leesman, John H. Levine, Alan M. Lewis, Mike Lieb, John Charles Liechty, John R. Lienhart, Nathan Scott Lindquist, Kyle David Linehan, Steven Michael Lipinski, Robert William Liu, Dajin Lorenzo, Michael Frank Lovato, Mark J. Lowery, Mark A. Lucero, Ramon E. Luevano, Richard, Jr. Lyons, John Clarence Maeda, Gary Magliola, Robert A. Maid, Patricia M. Maris, Michael S. Marks, James Joseph, III Marlborough, Dwayne A. Martindale, Bryan T. Mayer, Keith Bert Mays, Darrell Craig McCalmont, Jon Michael McCombs, Natalie McDonnell, Terry R. McFadyen, R. Duncan

McGartland, Joseph B. McGee, William Forrest, Jr. McGhee, W. Zach, Jr. Meiners, Theodore Joseph Meis, Philip John Miller, Daniel J. Miller, Jeffery T. Mitchell, Grant Edwin Mohler, Roger A. Moore, Kenneth Bradley Moran, James W. Morrison, Alex S. Morrison, Donald Vinson Mulinix, Brian C. Naegele, Cris Najjarine, Ed Namek, Ramzi Y. Nangia, Robert Vivak Nasir, Tahir M. Nkamgouo, Nassaire Jeukeng Schaffner, Nikolas E. Nohren, Nathan Merrill Nolte, Michael Thomas

Nowak, Karl Palavric, Mirna Panakkat, Ashif Parikh, Jayesh H. Parker, Christopher G. Parks, Rodney K. Parsons, Megan Dawn Partrich, Chris Pastrana, Osvaldo Patel, Sandeep N. Patterson, David A. Penick, Amanda J. Peoples, Kenneth S. Perry, John Gordon Peterman, Karl Lucas Petitt, Joshua Daniel Petty, Mark Avery Pham, David Quang Phillips, Adam Kent Pierce, Juliette A. Pinto, Mauricio R. Plumb, Gary Neal Podrebarac, William E.

Pohlmann, Mark D.

Prapaisilp, Arisa Prenger, Gary J.

Prus, Gary P.

Poirier, Boyd Charles

Poirot, Matthew Ryan

Protzman, Roger S.

Quebedeaux, Mark A.

Prenger, Mattheuw Richard

Raczak, Richard R. Raffensperger, Bradford Remmetter, Mark Edward Remo, Bernardo A. Riediger, John Alan Rippy, Kenneth Keith Rizk, Hatem I. Robb, Bryan C. Roberts, Kyle Nathan Roll, Robert Louis, II Rook, Dale Alan Ross, Robert Alan Rossmiller, Ronald Leroy Russell, Peter Michael Rutledge, John L. Sabet, Mojtaba Saikaly, Adeeb E. Saylor, Ryan M. Scantlin, Jonathan Lee Schimek, Jeffrey William Schmidt, Bryon Senius Schneider, Jason Thomas Schreck, Bradley G. Schroer, Anne Schuessler, Steven M. Schuler, Charles Lee Sebolt, Joshua Charles Seibert, Kenneth L. Setele, Mark Sexton, Robert A. Sheppard, Brendan R. Sherman, Eric G. Shilling, Carl Otis Shkurti, Alma V. Shull, Jonathan Stephen Sielaff, Brian James Siers, Douglas W. Siew, Eric H. Sirhall, John James Skiff, Antie Marie Smith, Lance B. Snapp, Mary Holly Sorrell, David Alan Spears, Paul Wesley Spenader, John B. Squibb, Stephen Michael St. Peter, David Lee Stack, Steven Lucas Staton, Billy C. Stein, Jeffrey T. Stevinson, Michael T.

Stieben, John George

Stine, Justin J.

Stovall-Taylor, Danica D. Strackeljahn, Samuel L. Stromberg, Daniel G. Sullivan, Patrick John Swaggart, Glenn A., Jr. Sylvia, John Joseph, III Tappendorf, Daniel E. Tashijan, John Victor Taylor, Thomas P. Thompson, Leslie Eugene Toedter, Robert M. Tom, Manley Toth, Adam Trotter, Michael F. Tufts. Frederick N. Tullmann, Manfred Frank Turnbough, Chris D. Turner, Jeffrey Robert Turner, Kelly Vincent Untiedt, Brian Joseph Vander Tuig, Kevin T. Venvertloh, Robert M. Vermaas, Garry W. Viet, Darius D. Waida, Robert Christopher Wall, Nancy M. Walsh. Francis E. Warden, Branden Scott White, Daniel G. Whitfield, Christopher J. Whitmore, Les J. Wibbenmeyer, Jason Anton Wilding, Andrew John Wiley, Richard W. Wilkins, Daniel Wilkinson, Hewitt Williams, Clay Douglass Williams, Dean I. Williams, Steven James Wilson, Alan J. Wilson, Chad M. Windingland, Steven A. Wingert, James J. Winslow, Jennifer Lane Wright, Clifford Coffey Wright, Ralph Nicholas Yates, Jared Thomas Yu. Zhuo Zajicek, Tomas M. Zielinski, Chad M.

PROFESSIONAL ENGINEERING CORPORATIONS

A P D Engineering and Architecture, LLC

Advanced Engineering Systems, Inc.

Ameresco, Inc.

Ampirical Solutions, L.L.C.

AW Solutions, Inc

B & T Engineering, Inc.

B.G. Consultants, Inc.

BC Engineers, Inc.

Braun Intertec Corporation

Bureau Veritas North America, Inc.

Burrows and Associates Engineering Consultants, Ltd.

Campion Engineering, Inc.

CHA Companies, Inc.

Chester Engineers, Inc.

Civil Engineering Associates, L.L.C.

Coffman Consulting Company, LLC

Conestoga-Rovers & Associates, Inc.

Cooper Bussmann, LLC

Cubellis Inc.

Dansco Engineering, LLC

Devine Tarbell & Associates, Inc.

Diamond Z Engineering, Inc.

E. C. A., Inc.

E.E.S. LLC

Elara Energy Services, Inc.

Electrical Process Instrumentation & Controls Systems, Inc.

Elrod & Company, LLC

EMR Design, LLC

Engineered Arresting Systems Corporation

Engineering - Metro, Inc.

Engineering, Energy, and the Environment, LLC

Excell Communications, Inc.

EYP Mission Critical Facilities, Inc.

Facility Management Solutions LLC

Faith Technologies, Inc.

GeoEngineers, Inc.

Geopier Foundation Company, Inc.

Gertis, Lester, Dameron & Associates, Inc.

Hayward Baker, Inc.

HydroGeoLogic, Inc.

Infrastructure Engineers, Inc.

Intelligent Design & Construction Solutions, LLC

J2 Engineering and Environmental Design, L.L.C.

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Kaiser Electric Inc.

Korte & Herndon, LLC

M W Cole Engineering, Inc.

Matrix Engineering, LLC

MCBH Engineers, LLC

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Nelson-Rudie & Associates, Inc.

OSA Engineers, Inc.

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SEI Engineers, Inc.

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Structural Design Group, Inc.

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IMPORTANT INFORMATION REGARDING CORPORATIONS, LIMITED LIABILITY COMPANIES & CIVIL PENALTIES

The Missouri Board for Architects, Professional Engineers, Professional Land Surveyors and Landscape Architects (Board) now has the authority to invoke "Civil Penalties" on corporations and/ or LLCs practicing architecture, engineering, land surveying, and/or landscape architecture without a Corporate Certificate of Authority.

To make sure your corporation or LLC is operating in compliance with Chapter 327 RSMo, please be sure to read the below information.

1. When is a Corporate Certificate of Authority Required?

If your firm is incorporated or registered as a limited liability company and is offering and/or rendering architectural, engineering, land surveying, or landscape architectural services in this state, or if your articles of incorporation or articles of organization include the offering of such services in your purpose statement, the Board believes that you are required by law to obtain the appropriate Corporate Certificate of Authority from this Board. If your company's name includes the word (or any derivative of the word) "architect," "engineer," "land surveyor," and/or "landscape architect" and is advertising that it can provide architectural, engineering, land surveying, and/or landscape architectural services the Board believes that you are required by law to obtain the appropriate Corporate Certificate of Authority. Your attention is directed to Section 327.401.2, which reads in part as follows:

"2. Any domestic corporation formed under the corporation law of this state, or any foreign corporation, now or hereafter organized and having as one of its purposes the practicing of architecture or professional engineering or professional land surveying or landscape architecture and any existing corporation which amends its charter to propose to practice architecture or professional engineering or professional land surveying or landscape architecture shall obtain a certificate of authority for each profession named in the articles of incorporation or articles of organization from the board..."

2. Is a "Certificate of Good Standing" the same as a "Corporate Certificate of Authority?"

"No." A "Certificate of Good Standing" is issued by the Missouri Secretary of State's office when application is made for "Authorization to Transact Business" in this state. A "Corporate Certificate of Authority" is a license issued by the Board to a corporation or LLC certifying that it is authorized to practice architecture, engineering, land surveying, and/or landscape architecture in the State of Missouri.

3. How Does a Corporation or LLC Apply for a Corporate Certificate of Authority?

<u>Before</u> making application with the Board, you must first apply with the Missouri Secretary of State's office for "Authorization to Transact Business" in Missouri and receive a "Corporate Certificate of Good Standing." Once this has been done, you may then download the Board's "Certificate of Authority" application directly from the Board's website at http://pr.mo.gov/apelsla-corporations.asp Your application, when submitted to the Board, must be accompanied by the required fee and the "Certificate of Good Standing" that was issued by the Office of the Missouri Secretary of State.

NEWS RELEASE

NATIONAL COUNCIL OF EXAMINERS FOR ENGINEERING AND SURVEYING

May 15, 2009

Contact: Tim Miller, P.E., Director of Exam Services

tmiller@ncees.org 864-654-6824

NCEES Announces Changes To Architectural Engineering Exam

The National Council of Examiners for Engineering and Surveying (NCEES) is introducing new specifications for its Architectural Engineering PE exam. They will first be used for the April 2010 administration of the exam.

Exam specifications indicate knowledge areas to be tested and their relative weights of emphasis. As the developer of the exams used for engineering licensure in the United States, NCEES periodically conducts surveys of licensed engineers working in industry, government, and academia to gather information about the knowledge and skills required of professional in a particular discipline. NCEES uses the results to update its exam specifications.

"With these surveys, we're trying to find out what an engineer intern with for years of experience should be expected to know," said Tim Miller, P.E., the director of exam services at NCEES. "They help us ensure NCEES licensing exams reflect current professional practice."

The new specifications are now available on the NCESS Web site <u>www.ncess.org</u> The Architectural Engineering Institute of the American Society of Civil Engineers (AEI of ASCE) will publish updated study materials for the exam this summer.

About NCEES

NCEES is a national nonprofit organization composed of engineering and surveying licensing boards representing all U.S. states, the District of Columbia, Guam, Puerto Rico, and the U.S. Virgin Islands. An accredited standards developer with the American National Standards Institute, NCEES develops, scores, and administers the examinations used for engineering and surveying licensure throughout the United States. NCEES also proved services facilitating professional mobility for licensed engineers and surveyors. Its headquarters is located in Clemson, S.C.

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Disclaimer: The articles in this newsletter are the work and opinion of the individual authors and do not necessarily reflect the official opinion or position of the Board.

STATE OF MISSOURI DIVISION OF PROFESSIONAL REGISTRATION MISSOURI BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, PROFESSIONAL LAND SURVEYORS AND LANDSCAPE ARCHITECTS 3605 MISSOURI BLVD. JEFFERSON CITY, MO 65109

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PLEASE NOTIFY THE BOARD OFFICE OF YOUR NEW ADDRESS.

The rules and regulations require all licensees to notify the Board of all such changes by sending a letter to the office in Jefferson City, Missouri. Please include a street address to facilitate any express mail deliveries.

NAME.	
PROFESSION:	LICENSE NUMBER:
(P.O.	BOX MUST BE ACCOMPANIED BY YOUR PHYSICAL ADDRESS)
OLD ADDRESS:	NEW ADDRESS:
	PHONE NUMBER:
SIGNATURE	DATE:

PLEASE MAIL TO: